

IN THE CLAIMS:

The following is a complete listing of the claims, and replaces all earlier listings and all earlier versions.

1. - 60. (Canceled).

61. (Currently Amended) A display apparatus comprising:

a plurality of column wirings each connected to a respective set of display devices;

at least one row wiring connected to said display devices; and

a respective pulse width modulator provided for each column wiring for outputting, for each column wiring, a modulation signal having a pulse width determined according to a luminance signal that is to be displayed by a respective one of said display devices,

wherein each pulse width modulator comprises a correction circuit that (1) receives as an input a luminance signal that is to be displayed by said display device corresponding to said column wiring adjacent to the column wiring to which that pulse width modulator supplies the modulation signal, (2) compares the luminance signal received as an input with the luminance signal to be displayed by the display device corresponding to said column wiring to which said pulse width modulator supplies the modulation signal, and (3) corrects the modulation signal to be supplied from the pulse width modulator based on the comparing result, such as to suppress ~~an effect or~~ a change in

a luminance of said display devices supplied with the modulation signal from the pulse width modulator ~~due to waveform modulation, wherein the change that is suppressed is one that results from deformation of the waveform~~ of the modulation signal ~~supplied from the pulse modulation~~ caused by a level change of the modulation signal supplied to the adjacent column wiring during a high-level period of the modulation signal from the pulse width modulator.

62. (Previously Presented) A display apparatus according to claim 61, wherein said display devices each comprise an electron-emitting device.

63. (Previously Presented) A display apparatus according to claim 61, wherein said pulse width modulators each supply a constant current for driving a respective one of said display devices.

64. (Previously Presented) A display apparatus according to claim 61, wherein

said luminance signal inputted is smaller than the other luminance signal to be displayed by said display device corresponding to said column wiring to which said pulse width modulator supplies the modulation signal, and

when the modulation signal based on the luminance signal is turned off prior to the modulation signal based on the other modulation signal, the modulation signal based on the luminance signal is corrected to have a longer pulse width.

65. (Previously Presented) A display apparatus according to claim 61,
wherein

said luminance signal inputted is smaller than the other luminance signal to
be displayed by said display device corresponding to said column wiring to which said
pulse width modulator supplies the modulation signal, and

when modulation signal based on the luminance signal is turned off
following to the modulation signal based on the other modulation signal, the modulation
signal based on the luminance signal is corrected to have a shorter pulse width.

66. (Currently Amended) A display apparatus comprising:
a plurality of column wirings each connected to a respective set of display
devices;

at least one row wiring connected to said display devices;

a respective pulse width modulator provided for each column wiring for
outputting, for each column wiring, a modulation signal having a pulse width determined
according to be displayed by a respective one of said display devices; and

a column driver connected to said column wiring,

wherein each pulse width modulator comprises a correction circuit that
(1) receives as an input a modulation signal to be supplied to said column wiring adjacent
to the other column wiring to which said pulse width modulator supplies the modulation
signal, and, when the modulation signal inputted has different pulse width from the pulse
width of the modulation signal to be supplied from the pulse width modulator, based on the

difference, (2) corrects the modulation signal to be supplied from the pulse width modulator, thereby such as to suppress an effect or a change in a luminance of said display devices supplied with the modulation signal from the pulse width modulator due to waveform modulation, wherein the change that is suppressed is one that results from deformation of the waveform of the modulation signal supplied from the pulse modulation caused by a level change of the modulation signal supplied to the adjacent column wiring during a high-level period of the modulation signal from the pulse width modulator.

67. (Previously Presented) A display apparatus according to claim 66, wherein each of said display devices comprises an electron-emitting device.

68. (Previously Presented) A display apparatus according to claim 66, wherein said pulse width modulators each supply a constant current for driving a respective one of said display devices.

69. (Previously Presented) A display apparatus according to claim 66, wherein when said modulation signal is turned off prior to the modulation signal based on the luminance signal, the modulation signal is adjusted to have a longer pulse width.

70. (Previously Presented) A display apparatus according to claim 66, wherein when the modulation signal is turned on following to the modulation signal based on the luminance signal, the modulation signal is adjusted to have a shorter pulse width.

71. (New) A display apparatus comprising:
a plurality of column wirings each connected to a display device;
at least one row wiring connected to said display devices; and
a respective pulse width modulator provided for each column wiring for
outputting, for each column wiring, a modulation signal having a pulse width determined
according to a luminance signal that is to be displayed by a respective one of said display
devices,

wherein the pulse width is corrected so as to suppress a change in a
luminance of said display device supplied with the modulation signal from a predetermined
pulse width modulator, wherein the change that is suppressed is one that results from
deformation of the waveform of the modulation signal caused by a level change of the
modulation signal supplied to the adjacent column wiring during a high-level period of the
modulation signal from the predetermined pulse width modulator.

72. (New) A display apparatus according to claim 71, wherein each of
said display devices comprises an electron-emitting device.

73. (New) A display apparatus according to claim 71, wherein said
pulse width modulators each supply a constant current for driving a respective one of said
display devices.

74 (New) A display apparatus according to claim 71, wherein when said modulation signal supplied to the adjacent wiring is turned off prior to turning off of the modulation signal from the predetermined pulse width modulator, the modulation signal is corrected to have a longer pulse width.

75 (New) A display apparatus according to claim 71, wherein when the modulation signal supplied to the adjacent wiring is turned on following to turning on of the modulation signal from the predetermined pulse width modulator, the modulation signal is corrected to have a shorter pulse width.